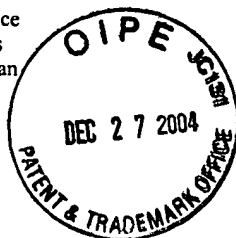


I hereby certify that this correspondence is being deposited in the United States Postal Services as First Class Mail in an envelope addressed to:

Mail Stop Non-Fee Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450


Attorney for Applicant



Date: 22 December 2004

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appl. No.: 10/002,461
Applicant(s): Keith R. Slavin
Filed: November 1, 2001
Title: LOW POWER, HASH-CONTENT ADDRESSABLE MEMORY ARCHITECTURE
Art Unit: 2187
Examiner: Reba I. Elmore

Docket No.: DB000955-000

TRANSMITTAL LETTER

To: Mail Stop Non-Fee Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

In response to the Office action mailed on 22 September 2004 for the above-captioned application, enclosed is the following:

- Response and Amendment.

The Commissioner is hereby authorized to charge any underpayment or credit any overpayment to our Deposit Account No. 20-0888. A copy of this transmittal letter is enclosed.

A return postcard is also enclosed. Please date stamp and mail the postcard in order to acknowledge receipt of this correspondence.

Respectfully submitted,



Edward L. Pencoske

Reg. No. 29,688

THORP, REED & ARMSTRONG

One Oxford Centre, 14th Fl.

301 Grant St.

Pittsburgh, Pennsylvania 15219-1425

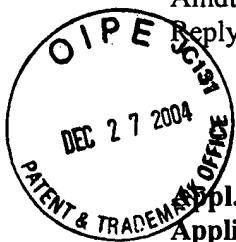
(412) 394-7789

Attorneys for Applicant

Dated: December 22, 2004

Appl. No.: 10/002,461
Amdt. Dated: December 22, 2004
Reply to Office action of September 22, 2004

Op 2187
LH



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To: Mail Stop Non-Fee Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

RESPONSE AND AMENDMENT

In response to the Office action dated 22 September 2004, please amend the above-identified application as follows:

Amendments to the Specification: None

Amendments to the Claims begin on page 2 of this paper.

Amendments to the Drawings begin on page 7 of this paper and include both an attached replacement sheet and an annotated sheet showing changes.

Remarks/Arguments begin on page 8 of this paper.